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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/612,064	07/01/2003	Donald J. Curry	117299	3501
OLIFF & BER	7590 08/19/2008 RIDGE, PLC		EXAMINER	
P.O. BOX 19928			DHINGRA, PAWANDEEP	
ALEXANDRIA	A, VA 22320		ART UNIT	PAPER NUMBER
			2625	
		•	MAIL DATE	DELIVERY MODE
			08/19/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)				
	10/612,064	CURRY ET AL.				
Notice of Allowability	Examiner	Art Unit				
	PAWANDEEP S. DHINGRA	2625				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.						
1. This communication is responsive to 4/4/2008.	•					
2. The allowed claim(s) is/are 1-6 and 8-20.		·				
 Acknowledgment is made of a claim for foreign priority una All b) Some* c) None of the: 1. Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority documents have Copies of the certified copies of the priority documents have	been received. been received in Application No cuments have been received in this report of this communication to file a reply of ENT of this application.	eational stage applicates complying with the recommon stage and the recommon stage application and the recommon stage app	quirements			
5. CORRECTED DRAWINGS (as "replacement sheets") mus	t be submitted.					
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached						
1) ☐ hereto or 2) ☐ to Paper No./Mail Date						
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of						
each sheet. Replacement sheet(s) should be labeled as such in th						
 DEPOSIT OF and/or INFORMATION about the depo- attached Examiner's comment regarding REQUIREMENT I 	sit of BIOLOGICAL MATERIAL m FOR THE DEPOSIT OF BIOLOGICA	nust be submitted. N NL MATERIAL.	Note the			
 Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	5. ☐ Notice of Informal Pa 6. ☑ Interview Summary (Paper No./Mail Date 7. ☐ Examiner's Amendm 8. ☑ Examiner's Stateme 9. ☐ Other /Twyler L. Haskins/	PTO-413), e nent/Comment	wance			

Application/Control Number: 10/612,064

Art Unit: 2625

DETAILED ACTION

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance:

The invention is directed to a method and system for de-screening an image signal utilizing a bank of filters to provide several increasingly blurred versions of the original image signal. Claims 1, 11, and 17 identify the uniquely distinct features of wherein operation (c) comprises the operations of: (1) receiving, via a contrast module, a filter output signal from one of the filters having larger filter spans, and producing a contrast signal; (2) receiving, via a screen estimate module, the image signal and producing an estimated frequency signal and a estimated frequency and magnitude signal; and (3) receiving, via a pixel control module, the contrast signal from the contrast module and the estimated frequency and magnitude signal from the screen estimate module, and producing the first control signal, the first control signal including information regarding which of the filter output signals are to be blended and the proportion of blending. The closest prior arts, Fan et al, US 6,839,152 in view of Cheung et al, US 6,222,945 teaches the method for de-screening an image signal and selecting a pair of filters from a bank of filters for filtering the image signal.

The prior arts, Fan et al, US 6,839,152 and Cheung et al, US 6,222,945 disclose blending the output from the selected pair of filters but does not disclose receiving, via a pixel control module, the contrast signal from the contrast module and the estimated frequency and magnitude signal from the screen estimate module, and producing the

Art Unit: 2625

first control signal, the first control signal including information regarding which of the filter output signals are to be blended and the proportion of blending.

The meaning of the sentences wherein operation (c) comprises the operations of:

(1) receiving, via a contrast module, a filter output signal from one of the filters having larger filter spans, and producing a contrast signal; (2) receiving, via a screen estimate module, the image signal and producing an estimated frequency signal and a estimated frequency and magnitude signal; and (3) receiving, via a pixel control module, the contrast signal from the contrast module and the estimated frequency and magnitude signal from the screen estimate module, and producing the first control signal, the first control signal including information regarding which of the filter output signals are to be blended and the proportion of blending is defined in applicant's drawings and specification.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PAWANDEEP S. DHINGRA whose telephone number is (571)270-1231. The examiner can normally be reached on M-F, 9:30-7:00.

Art Unit: 2625

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler L. Haskins can be reached on 571-272-7406. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/P. D./ Examiner, Art Unit 2625

/Twyler L. Haskins/ Supervisory Patent Examiner, Art Unit 2625 4/14/08